

CLAIMS

1. An embolus forming in-vivo indwelling coil comprising a coil main body having flexibility and an stretch suppressing member which is provided on one or both of the inner and outer peripheries of the coil main body and which is made of a water-swella-  
5 ble polymer material for suppressing stretch of the coil main body by swelling with absorbed water.

2. The embolus forming in-vivo indwelling coil according to claim 1, wherein the water-swella-  
10 ble polymer material constituting the stretch suppressing member comprises a polyvinyl alcohol polymer.

3. The embolus forming in-vivo indwelling coil according to claim 1 or 2, wherein the wire constituting the coil main  
15 body has a diameter of 10 to 120  $\mu\text{m}$ , and the coil main body has a coil diameter of 100 to 500  $\mu\text{m}$ , a coil length of 2 to 500 mm, and a number of turns of 1 to 100 per unit length (1 mm).

4. The embolus forming in-vivo indwelling coil according to any one of claims 1 to 3, wherein the stretch suppressing  
20 member has a rod-like shape or cylindrical shape and is provided in the coil main body so as to pass through the coil main body and extend in the coil axial direction of the coil main body.

5. The embolus forming in-vivo indwelling coil according

to claim 4, wherein the diameter of the stretch suppressing member is smaller than the inner diameter of the coil main body by about 1 to 50% in a dry state.

6. The embolus forming in-vivo indwelling coil according to any one of claims 1 to 3, wherein the stretch suppressing member has a cylindrical or tubular shape and is provided to cover the entire region of the outer periphery of the coil main body in the coil axial direction.

7. The embolus forming in-vivo indwelling coil according to claim 6, wherein, in a dry state, the thickness of the stretch suppressing member is 0.01 to 0.10 mm, and the clearance between the outer periphery of the coil main body and the inner periphery of the stretch suppressing member is 0 to 100  $\mu\text{m}$ .

8. The embolus forming in-vivo indwelling coil according to any one of claims 1 to 3, wherein a stretch suppressing member has a rod-like or cylindrical shape and is provided so as to extend in the coil axial direction of a coil main body and pass through the coil main body, and another stretch suppressing member has a cylindrical or tubular shape and is provided to cover the entire region of the outer periphery of the coil main body in the coil axial direction.